

## **MODIS TECHNICAL TEAM MEETING**

**August 26, 1999**

Vince Salomonson chaired the MODIS Technical Team Meeting. Present were Ken Anderson, Bill Barnes, Francesco Bordi, Barbara Conboy, Wayne Esaias, Bruce Guenther, Dan Tarpley (NOAA), Eric Vermote, and Bruce Vollmer, with Deborah Howard recording the minutes.

### **1.0 SCHEDULE OF EVENTS**

PI Processing Meeting Building 33, Room A128	September 8, 1999 9:30 a.m.
Terra Launch Vandenberg Air Force Base	No earlier than November 1, 1999
Next MODIS Science Team Meeting Location TBD	Tentatively October or November 1999
AGU 1999 Fall Meeting (San Francisco, CA)	December 13-17, 1999
IGARSS 2000 Abstracts Due	December 1999
AGU 2000 Spring Meeting (Washington, DC)	May 30-June 3, 2000
IGARSS 2000 (Honolulu, HI)	July 24-28, 2000
EOS-PM Launch	December 21, 2000

### **2.0 MINUTES OF THE MEETING**

#### **2.1 Overview**

Vince Salomonson told the tech team that Bob Murphy is ill and might be out of the office through the end of September. Salomonson suggested that Locke Stuart, Theresa Mautino, and Barbara Conboy cover budget issues and consulted with Bill Barnes about who could cover upcoming VIIRS meetings during Murphy's absence.

#### **2.2 Instrument Report**

Ken Anderson said that he would be talking to Santa Barbara later today to determine a course of action for troubleshooting and the timing for a pre-ship review. The instrument has been moved from the thermal vacuum chamber to highbay. Bruce Guenther said that the ADC issue may be a 2-bit rather than a 1-bit issue and that MCST looks forward to seeing the Santa Barbara testing results.

Guenther stated that the ground spacecraft commanding group desires to close the Terra operations plan in the middle of September, and the changes to that plan may be more difficult to accomplish than he had thought earlier. MCST will not be finished with early on-orbit operations planning by that date. Salomonson asked whether changing how the on-board black body heater operates would have any impact on the processing software. Guenther said that it would have no impact on processing software.

### **2.3 MODIS Level 1 Integration**

Bordi distributed the summary status report on MODIS Level 1 Integration dated August 26, 1999 (Attachment 1). The only major change from last week is that not all Level 1 PGE's would be in the MOSS-3 test at the end of September. The likelihood that the at-launch versions of PGE03 and PGE71 would be in MOSS 3 is small. Also, there was a very brief discussion about the possibility that MCST would make another Level 1B delivery before launch.

### **2.4 GDAAC**

Vollmer distributed the GDAAC Notes for MODIS Technical Team Meeting dated August 26, 1999 (Attachment 2). He said the GDAAC is testing inserts into the archives for Level 2 through 4 products.

### **2.5 OCEANS**

Esaias said that he plans to meet with the DAAC about the products the Oceans group would like to have archived. Also, the Oceans group has identified some possible windows for an initialization cruise in April or September 2000; once Terra is fueled for the launch, they will set the date. A review of MOBY data was presented at a recent SeaWiFS science team meeting; MOBY was changed out last month and is in good shape.

### **2.6 NOAA**

Tarpley said that a request came into the NESDIS data product review board for four MODIS products to be operational within 6 months of launch. These products are volcanic ash, total precipitable water, snow cover, and sea ice. There was a question about whether volcanic ash is a MODIS product. Salomonson stated that the MODIS team expects to participate in the review board and Tarpley said that NASA MODIS representatives would be included.

### **2.7 MAST**

Conboy said that Michael Hohner's presentation to the Technical Team on the new MODIS Instrument News (MIN) interface was postponed until next week.

## **3.0 ACTION ITEMS**

### **3.1 Action Items Carried Forward**

1. Legg: Find out when and how NASA MODIS representatives will be integrated into the NOAA review process and report on status to the MODIS Technical Team. NOAA has agreed to have MODIS representatives serve on the NESDIS data product review boards. However, MODIS representatives have not yet been invited to participate in an advisory panel.

Status: This item remains open. At the August 26 MODIS Technical Team meeting, Tarpley said that NASA MODIS representatives would be included in an upcoming review board meeting (see section 2.6 above).

2. Murphy and Conboy: Inputs for the EOS Data Products Handbook PM-1 Volume 2 were due to Barbara Conboy by June 17, 1999.

Status: This item remains open. Conboy is awaiting final corrections/input from Bob Murphy.

3. Hohner and Howard: Develop a weekly MODIS news page linked to the MODIS home Web site. It should include hot items and reflect weekly progress.

Status: This item is in progress.

4. Masuoka: Submit an EOS-PM Data Product Update to ESDIS.

Status: This action item remains open.

### **3.2 Closed Action Items**

1. Masuoka and Kempler: Discuss with Mike Moore the resolution of issues regarding production plan failures at the DAAC when fractured data is received from EDOS and related ECS/DAAC issues.

Status: This item is closed. It will be fixed with the 8/30 patch to 5.A as noted above.